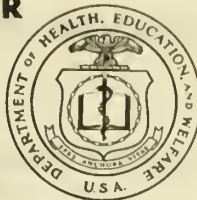


COMMUNICABLE DISEASE CENTER



Morbidity and Mortality

Vol. 14, No. 34

WEEKLY
REPORTWeek Ending
August 28, 1965

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

WESTERN EQUINE ENCEPHALITIS - Colorado

The first confirmed human case of Western equine encephalitis was notified early in July (MMWR, Vol. 14, Nos. 29 and 30). Since that time through August 28, a total of 155 suspected cases has been reported. Of these, 12 have been classified on laboratory investigation as confirmed or presumptive. Table 1 lists these 12 cases on page 294. There have been two deaths in the total group, neither of which occurred among the confirmed cases. Nine of these cases occurred in Weld County where laboratory studies have been concentrated.

CONTENTS

Western Equine Encephalitis	293
Epidemiologic Notes and Reports	
Infectious Hepatitis - Dover Area, New Jersey	294
International Notes - Quarantine Measures	300

The suspected human cases have occurred in 16 counties but are largely concentrated in those Colorado counties east of the Rocky Mountains. The reporting of suspected cases reached a peak in the week ended August 14. Laboratory studies on these cases are in progress

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	34th WEEK ENDED		MEDIAN 1960-1964	CUMULATIVE, FIRST 34 WEEKS		
	AUGUST 28, 1965	AUGUST 22, 1964		1965	1964	MEDIAN 1960-1964
Aseptic meningitis	65	63	97	1,113	1,177	1,264
Brucellosis	9	14	11	164	285	285
Diphtheria	2	9	9	98	174	250
Encephalitis, primary infectious ..	45	248	---	1,059	1,459	---
Encephalitis, post-infectious ..	14	8	---	518	666	---
Hepatitis, infectious including						
serum hepatitis	551	638	685	22,467	26,005	29,039
Measles	597	832	1,017	238,462	460,080	393,037
Meningococcal infections	29	28	28	2,246	1,886	1,515
Poliomyelitis, Total	—	4	47	35	69	436
Paralytic	—	3	39	28	57	336
Nonparalytic	—	1	---	7	9	---
Unspecified	—	—	---	—	3	---
Streptococcal Sore Throat and						
Scarlet fever	3,927	4,147	3,061	276,659	283,488	230,973
Tetanus	2	13	---	173	179	---
Tularemia	6	6	---	166	224	---
Typhoid fever	14	8	19	263	258	378
Rabies in Animals	74	98	59	3,049	3,068	2,568

NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	7	Rabies in Man:	1
Botulism:	11	Smallpox:	—
Leptospirosis: N.C.-2	27	Trichinosis: N.Y. Up-State-1, Calif.-1	74
Malaria: N.J.-1, Ohio-1, Fla.-1, S.C.-1, Calif.-1	54	Typhus -	
Plague:	4	Murine:	21
Psittacosis: Texas-1	31	Rky. Mt. Spotted: N.C.-2, Md.-1, N.Y. Up-State-1,	
Cholera:	2	N.J.-1, Ark.-1, Ohio-1, Va.-2, Tenn.-1	198

WESTERN EQUINE ENCEPHALITIS - Colorado

(Continued from front page)

Table 1

	Age	Sex	County	Onset	Antibodies to WEE		Test Type	Lab Status
					Acute	Convalescent		
1	14	M	Weld	7-13	1/40	1/60	HAI	C
2	1	M	Weld	7-31	1/1280		HAI	P
3	40	M	Weld	8-3	1/40	1/1280	HAI	C
4	3	M	Weld	8-4	1/10	1/320	HAI	C
5	35	M	Weld	8-4	1/10	1/1280	HAI	C
6	13 mon	F	Weld	8-6	1/10	1/2560	HAI	C
7	70	M	Weld	8-8	1/1280		HAI	P
8	6 wks	?	Morgan	8-8	1/2560		HAI	P
9	50	M	Weld	8-11	1/10	1/640	HAI	C
10	13	F	Weld	8-20	1/640		HAI	P
11	26	F	Jefferson	?	1/80	1/160	HAI	C
12	child	?	Phillips	?	1/10	1/64	CF	C

By the end of July, WEE virus infection rates in *Culex tarsalis* mosquitoes had reached a level two to four times higher than that of 1964 which was in itself a year of high incidence of infection (MMWR, Vol. 14, No. 29). A WEE-like agent was also isolated from a single pool of *Aedes vexans* collected during the last week of July.

The total of cases of clinical encephalitis in horses has reached 157 through August 28. These infections have been distributed over 29 counties.

(Reported by Dr. C.S. Mollohan, Chief, Section of Epidemiology, Colorado State Department of Public Health, Disease Ecology Section, Technology Branch, CDC, Greeley, Colorado; and an EIS Officer.)

EPIDEMIOLOGIC NOTES AND REPORTS

INFECTIOUS HEPATITIS - Dover Area, New Jersey

Between February and May 1965, there were 82 confirmed cases of infectious hepatitis in the Dover area of New Jersey. The distribution of cases in time, by date of onset, is shown in Figure 1; in Table 2 the sex and age distribution of cases is listed. Figure 1 demonstrates two distinct peaks of occurrence of cases approximately one month apart with a continuation of cases through the end of April and into May. Table 2 shows that, although all age groups were affected, there was a predominance of males in the 10-14 and 15-19 age groups.

Epidemiological investigations were accordingly directed towards the dietary and shopping habits of certain religious and neighborhood groups affected and towards the preponderance of teen-age males among the patients. It emerged that 67 or 82% of the total group of patients had eaten coldeuts, purchased from a delicatessen counter in a local supermarket within a 60-day period prior to onset of illness. This, compared with the habits of 121 unaffected families otherwise randomly

Table 2
Age-Sex Distribution, 82 Cases of Infectious Hepatitis
Dover Area, Morris County, New Jersey
February - May, 1965

Age	Male	Female	Total
0-4	—	2	2
5-9	4	2	6
10-14	15	6	21
15-19	16	4	20
20-24	2	2	4
25-29	3	3	6
30-34	3	4	7
35-39	2	4	6
40-44	1	—	1
44+	6	3	9
Total	52	30	82

selected, indicated the delicatessen as a possible common source. During the investigation it transpired that two of the patients among the 67 were food handlers in the delicatessen. However, the onset of illness in each food handler occurred respectively during the first and second peaks of the outbreak and the food handlers could not be regarded as the initial common source of infection.

The epidemic curve, however, suggested a common primary source of infection early in February (Figure 1). Examination of the case histories of the three cases with the onset of illness on February 13 showed that they were unrelated either to the cases occurring later or to the delicatessen (Footnote to Figure 1). Those cases with dates of onset from February 21 onwards were, with 12 exceptions, all directly associated with food purchases from the delicatessen. Three of the 12 exceptions lived out of the epidemic area and 2 had history of personal contact with previous cases.

The water supply and plumbing service records of the supermarket were then examined. It was found that on February 5 the delicatessen floor area had been flooded due to a blockage in the drainage system. This blockage was traced to a sewer, into which the outflow from the supermarket toilets and the floor drainage pipe from the

delicatessen ran untrapped. The resulting backflow onto the delicatessen floor was mopped up into open buckets and the floor cleaned by the delicatessen employees.

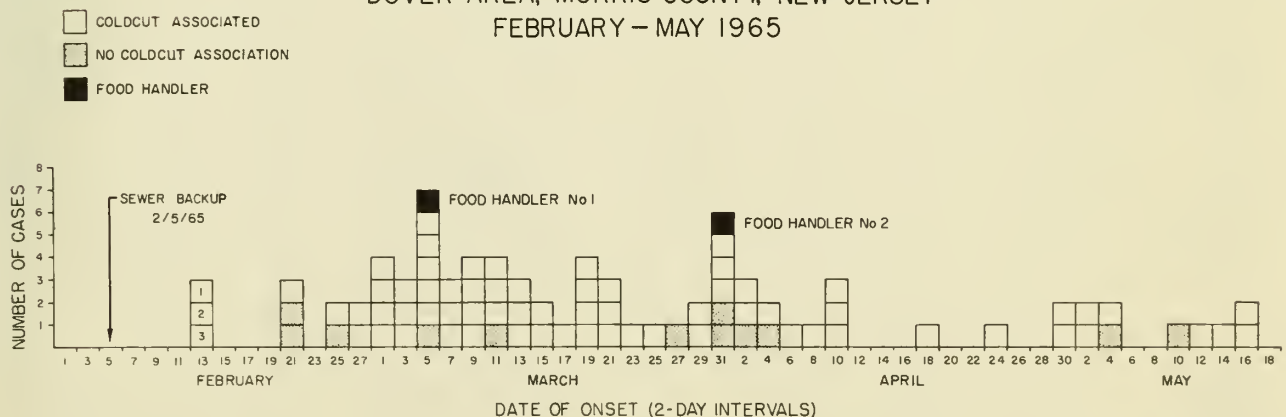
Sixteen days later the first three directly associated cases of infectious hepatitis occurred; within the next 30 days there were 43 more cases which included one of the food handlers who had been ill for 2 days before reporting sick and going off work. Twenty-five days later another wave of cases occurred, amongst whom was the second food handler. Again 30 days after this second food handler became ill, there was a final group of 13 cases.

Epidemiologic evidence suggests that this was initially a common source outbreak of infectious hepatitis which followed contamination of the delicatessen area by a backflow from an untrapped floor drain connected to a sewer. Thereafter, food handlers among the first two groups of cases may have been secondary sources of infection of foodstuffs sold at the delicatessen and so contributed to the extension and prolongation of the outbreak.

(Reported by Dr. William J. Dougherty, Director of the Division of Preventable Disease Control, New Jersey Department of Health; Mr. William J. Young, Jr., Town Health Officer, Dover, New Jersey; and an EIS Officer.)

Figure 1

DATES OF ONSET OF 82 CASES OF INFECTIOUS HEPATITIS
DOVER AREA, MORRIS COUNTY, NEW JERSEY
FEBRUARY - MAY 1965



1 - Onset in November 1964; relapse in February 1965

2 - History of personal contact with a case in another state

3 - Hospitalized in Dover but lived 20 miles away

Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

AUGUST 28, 1965 AND AUGUST 22, 1964 (34th WEEK)

[illegible]

Morbidity and Mortality Weekly Report

297

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

AUGUST 28, 1965 AND AUGUST 22, 1964 (34th WEEK) - Continued

Area	Measles			Strept. Sore Th. & Scarlet Fev.	Tularemia		Typhoid Fever		Rabies in Animals		
	1965	Cumulative			1965	1965	Cum. 1965	1965	Cum. 1965	1965	Cum. 1965
		1965	1964								
UNITED STATES...	597	238,462	460,080	3,927	6	166	14	263	74	3,049	
NEW ENGLAND.....	21	36,743	16,737	314	1	1	-	4	1	37	
Maine.....	3	2,789	2,943	47	-	-	-	-	-	3	
New Hampshire.....	-	381	248	11	-	-	-	-	-	1	
Vermont.....	9	1,255	2,313	10	-	-	-	-	1	30	
Massachusetts.....	4	19,273	5,225	28	1	1	-	3	-	2	
Rhode Island.....	2	3,899	1,921	13	-	-	-	1	-	-	
Connecticut.....	3	9,146	4,087	205	-	-	-	-	-	1	
MIDDLE ATLANTIC.....	68	14,600	52,017	103	-	-	4	46	2	120	
New York City.....	35	2,317	15,281	4	-	-	3	23	-	-	
New York, up-State.....	19	4,103	12,660	83	-	-	1	12	2	108	
New Jersey.....	12	2,524	12,168	14	-	-	-	4	-	-	
Pennsylvania.....	2	5,656	11,908	2	-	-	-	7	-	12	
EAST NORTH CENTRAL...	162	55,208	102,507	203	-	11	2	35	17	470	
Ohio.....	5	8,848	19,595	7	-	-	-	8	11	245	
Indiana.....	6	1,807	22,676	61	-	4	-	8	1	49	
Illinois.....	23	2,625	16,591	32	-	5	1	9	1	77	
Michigan.....	42	26,282	28,822	64	-	1	1	5	2	47	
Wisconsin.....	86	15,646	14,823	39	-	1	-	5	2	52	
WEST NORTH CENTRAL...	27	16,418	30,195	119	1	18	1	9	10	625	
Minnesota.....	6	631	332	9	-	1	-	-	2	130	
Iowa.....	5	8,976	23,298	24	-	-	1	2	2	177	
Missouri.....	4	2,584	1,014	-	1	13	-	6	-	84	
North Dakota.....	12	3,666	4,714	66	-	-	-	-	-	38	
South Dakota.....	-	112	25	5	-	2	-	-	3	47	
Nebraska.....	-	449	812	-	-	-	-	1	-	33	
Kansas.....	NN	NN	NN	15	-	2	-	-	3	116	
SOUTH ATLANTIC.....	62	24,456	38,109	528	-	29	2	53	12	418	
Delaware.....	-	502	404	52	-	-	-	4	-	-	
Maryland.....	3	1,149	3,396	61	-	-	-	15	2	17	
Dist. of Columbia..	1	74	354	1	-	-	-	-	-	-	
Virginia.....	12	3,832	12,688	149	-	6	1	4	3	271	
West Virginia.....	28	13,539	8,549	135	-	-	-	3	1	21	
North Carolina.....	3	381	1,155	4	-	6	1	15	-	2	
South Carolina.....	1	1,010	4,247	15	-	3	-	6	-	2	
Georgia.....	1	614	192	7	-	14	-	2	1	46	
Florida.....	13	3,355	7,124	104	-	-	-	4	5	59	
EAST SOUTH CENTRAL...	40	13,636	67,417	955	-	18	-	24	10	668	
Kentucky.....	15	2,424	18,423	22	-	3	-	6	3	67	
Tennessee.....	17	7,802	23,974	862	-	14	-	8	6	572	
Alabama.....	7	2,301	18,336	38	-	1	-	6	1	15	
Mississippi.....	1	1,109	6,684	33	-	-	-	4	-	14	
WEST SOUTH CENTRAL...	84	30,613	71,763	498	3	66	2	38	15	477	
Arkansas.....	3	1,084	1,106	1	1	42	-	12	5	72	
Louisiana.....	-	104	102	1	-	3	-	5	1	67	
Oklahoma.....	1	203	1,015	30	1	10	2	4	4	89	
Texas.....	80	29,222	69,540	466	1	11	-	17	5	249	
MOUNTAIN.....	35	19,583	18,405	739	-	15	1	24	2	65	
Montana.....	6	3,702	3,008	24	-	4	-	1	-	5	
Idaho.....	9	2,770	1,903	28	-	-	-	-	-	-	
Wyoming.....	-	841	251	16	-	3	-	1	-	-	
Colorado.....	4	5,604	3,186	304	-	-	-	-	1	9	
New Mexico.....	-	674	441	169	-	-	-	9	-	11	
Arizona.....	6	1,283	6,606	59	-	-	1	11	1	39	
Utah.....	10	4,506	2,021	139	-	8	-	-	-	1	
Nevada.....	-	203	989	-	-	-	-	2	-	-	
PACIFIC.....	98	27,205	62,930	468	1	8	2	30	5	169	
Washington.....	4	7,217	19,965	49	-	-	-	2	-	7	
Oregon.....	10	3,186	8,583	-	1	4	1	4	-	5	
California.....	46	12,866	32,802	367	-	4	1	23	5	155	
Alaska.....	-	170	1,085	13	-	-	-	-	-	2	
Hawaii.....	38	3,766	495	39	-	-	-	1	-	-	
Puerto Rico	24	2,322	5,765	7	-	-	-	6	1	13	

Morbidity and Mortality Weekly Report

CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

AUGUST 28, 1965 AND AUGUST 22, 1964 (34th WEEK) - Continued

Area	Brucel- losis	Infectious Hepatitis including Serum Hepatitis					Meningococcal Infections			Tetanus	
		Total incl. unk.	Under 20 years	20 years and over	Cumulative Totals		1965	Cumulative		1965	Cum. 1965
		1965	1965	1965	1965	1964		1965	1964		
UNITED STATES...	9	551	236	293	22,467	26,005	29	2,246	1,886	2	173
NEW ENGLAND.....	-	25	9	15	1,318	2,469	1	113	50	-	5
Maine.....	-	4	3	1	248	797	-	16	5	-	-
New Hampshire.....	-	6	-	5	132	184	-	7	1	-	1
Vermont.....	-	1	-	1	72	314	-	6	1	-	-
Massachusetts.....	-	8	5	3	514	527	1	37	20	-	3
Rhode Island.....	-	3	-	3	155	127	-	14	8	-	-
Connecticut.....	-	3	1	2	197	520	-	33	15	-	1
MIDDLE ATLANTIC.....	-	115	43	72	4,016	5,812	4	297	250	1	11
New York City.....	-	11	2	9	780	887	-	51	35	-	-
New York, Up-State.....	-	57	23	34	1,559	2,589	3	84	71	-	4
New Jersey.....	-	17	6	11	755	1,018	1	78	84	1	1
Pennsylvania.....	-	30	12	18	922	1,318	-	84	60	-	6
EAST NORTH CENTRAL...	-	105	50	50	4,273	4,051	10	313	258	-	21
Ohio.....	-	24	14	10	1,182	1,065	3	84	68	-	2
Indiana.....	-	10	6	4	381	353	2	41	39	-	6
Illinois.....	-	26	14	12	814	732	3	84	66	-	8
Michigan.....	-	39	15	22	1,631	1,598	1	67	58	-	2
Wisconsin.....	-	6	1	2	265	303	1	37	27	-	3
WEST NORTH CENTRAL...	7	33	21	11	1,341	1,403	2	113	117	-	16
Minnesota.....	1	6	5	1	140	147	1	23	27	-	7
Iowa.....	5	21	13	7	496	205	-	7	6	-	3
Missouri.....	1	1	-	1	281	350	-	51	55	-	2
North Dakota.....	-	-	-	-	18	53	-	8	15	-	-
South Dakota.....	-	-	-	-	17	116	1	3	-	-	-
Nebraska.....	-	2	2	-	49	35	-	10	6	-	2
Kansas.....	-	3	1	2	340	497	-	11	8	-	2
SOUTH ATLANTIC.....	1	57	22	32	2,305	2,448	7	434	391	-	39
Delaware.....	-	-	-	-	59	48	1	7	6	-	-
Maryland.....	-	11	5	6	416	460	-	42	25	-	1
Dist. of Columbia..	-	2	2	-	32	41	-	8	12	-	-
Virginia.....	-	16	5	11	522	381	1	51	46	-	7
West Virginia.....	-	5	1	3	349	370	-	24	29	-	1
North Carolina.....	1	9	1	8	218	424	4	86	68	-	5
South Carolina.....	-	4	2	1	97	92	1	58	50	-	4
Georgia.....	-	2	2	-	86	62	-	53	55	-	4
Florida.....	-	8	4	3	526	570	-	105	100	-	17
EAST SOUTH CENTRAL...	-	39	18	21	1,604	1,802	1	177	159	-	23
Kentucky.....	-	11	8	3	552	697	-	69	53	-	6
Tennessee.....	-	16	7	9	554	613	1	55	53	-	7
Alabama.....	-	6	1	5	286	322	-	33	35	-	8
Mississippi.....	-	6	2	4	212	170	-	20	18	-	2
WEST SOUTH CENTRAL...	-	47	25	22	1,971	1,979	-	301	225	1	38
Arkansas.....	-	9	5	4	267	194	-	14	20	-	8
Louisiana.....	-	4	3	1	329	461	-	168	110	-	5
Oklahoma.....	-	1	-	1	48	100	-	18	7	-	1
Texas.....	-	33	17	16	1,327	1,224	-	101	88	1	24
MOUNTAIN.....	-	21	7	4	1,288	1,588	2	70	65	-	3
Montana.....	-	2	2	-	93	140	-	2	-	-	-
Idaho.....	-	2	-	-	172	201	-	8	3	-	-
Wyoming.....	-	1	-	-	36	50	-	5	5	-	-
Colorado.....	-	6	2	3	275	431	1	14	11	-	2
New Mexico.....	-	1	1	-	268	227	-	10	26	-	-
Arizona.....	-	6	-	-	266	358	-	16	5	-	1
Utah.....	-	3	2	1	171	131	1	13	7	-	-
Nevada.....	-	-	-	-	7	50	-	2	8	-	-
PACIFIC.....	1	109	41	66	4,351	4,453	2	428	371	-	17
Washington.....	-	11	4	6	341	479	-	33	29	-	-
Oregon.....	-	10	7	3	365	487	2	32	21	-	3
California.....	1	85	30	55	3,439	3,260	-	340	302	-	14
Alaska.....	-	1	-	1	171	138	-	16	7	-	-
Hawaii.....	-	2	-	1	35	89	-	7	12	-	-
Puerto Rico	-	40	30	10	929	675	-	5	30	1	31

Morbidity and Mortality Weekly Report

299

Week No. 34 Table 4. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED AUGUST 28, 1965

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes	Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over				All Ages	65 years and over		
NEW ENGLAND:	601	364	33	25	SOUTH ATLANTIC:	1,098	522	44	75
Boston, Mass.-----	195	103	11	10	Atlanta, Ga.-----	136	57	5	17
Bridgeport, Conn.-----	34	20	3	1	Baltimore, Md.-----	251	123	7	10
Cambridge, Mass.-----	22	17	-	-	Charlotte, N. C.-----	47	23	2	4
Fall River, Mass.-----	23	16	1	-	Jacksonville, Fla.-----	55	23	1	3
Hartford, Conn.-----	46	22	2	1	Miami, Fla.-----	73	38	-	-
Lowell, Mass.-----	22	11	2	2	Norfolk, Va.-----	44	14	3	4
Lynn, Mass.-----	19	14	1	-	Richmond, Va.-----	99	48	1	2
New Bedford, Mass.-----	27	20	-	-	Savannah, Ga.-----	37	13	3	1
New Haven, Conn.-----	35	23	1	2	St. Petersburg, Fla.-----	70	57	3	-
Providence, R. I.-----	49	31	3	2	Tampa, Fla.-----	60	25	6	6
Somerville, Mass.-----	11	6	1	1	Washington, D. C.-----	193	83	11	25
Springfield, Mass.-----	51	28	5	2	Wilmington, Del.-----	33	18	2	3
Waterbury, Conn.-----	27	22	-	2					
Worcester, Mass.-----	40	31	3	2	EAST SOUTH CENTRAL:	516	287	32	40
					Birmingham, Ala.-----	57	31	-	2
MIDDLE ATLANTIC:	2,764	1,608	91	151	Chattanooga, Tenn.-----	26	12	1	4
Albany, N. Y.-----	34	16	1	2	Knoxville, Tenn.-----	35	23	4	1
Allentown, Pa.-----	34	24	-	-	Louisville, Ky.-----	126	79	14	11
Buffalo, N. Y.-----	118	66	2	11	Memphis, Tenn.-----	121	59	2	13
Camden, N. J.-----	40	27	3	4	Mobile, Ala.-----	34	15	1	3
Elizabeth, N. J.-----	24	15	3	1	Montgomery, Ala.-----	42	20	7	4
Erie, Pa.-----	29	19	1	2	Nashville, Tenn.-----	75	48	3	2
Jersey City, N. J.-----	47	26	6	3					
Newark, N. J.-----	85	42	8	4	WEST SOUTH CENTRAL:	970	498	31	70
New York City, N. Y.-----	1,405	820	38	71	Austin, Tex.-----	35	18	4	4
Paterson, N. J.-----	33	20	1	2	Baton Rouge, La.-----	28	17	-	2
Philadelphia, Pa.-----	415	228	9	21	Corpus Christi, Tex.-----	21	9	-	1
Pittsburgh, Pa.-----	198	117	3	13	Dallas, Tex.-----	113	53	3	13
Reading, Pa.-----	36	21	2	2	El Paso, Tex.-----	40	14	2	8
Rochester, N. Y.-----	79	50	5	8	Fort Worth, Tex.-----	63	34	2	3
Schenectady, N. Y.-----	20	12	-	-	Houston, Tex.-----	201	103	5	12
Scranton, Pa.-----	37	26	1	-	Little Rock, Ark.-----	54	30	-	2
Syracuse, N. Y.-----	43	22	1	4	New Orleans, La.-----	166	84	6	10
Trenton, N. J.-----	40	23	1	2	Oklahoma City, Okla.-----	79	46	1	5
Utica, N. Y.-----	18	14	2	1	San Antonio, Tex.-----	97	53	2	4
Yonkers, N. Y.-----	29	20	4	-	Shreveport, La.-----	42	19	4	5
					Tulsa, Okla.-----	31	18	2	1
EAST NORTH CENTRAL:	2,489	1,386	80	145					
Akron, Ohio-----	60	34	-	3	MOUNTAIN:	325	176	12	22
Canton, Ohio-----	33	21	2	1	Albuquerque, N. Mex.-----	51	18	4	8
Chicago, Ill.-----	680	342	25	52	Colorado Springs, Colo.-----	16	8	3	-
Cincinnati, Ohio-----	179	116	3	6	Denver, Colo.-----	87	50	2	4
Cleveland, Ohio-----	264	134	5	19	Ogden, Utah-----	16	11	-	1
Columbus, Ohio-----	142	71	6	8	Phoenix, Ariz.-----	85	48	2	3
Dayton, Ohio-----	72	40	3	4	Pueblo, Colo.-----	12	10	-	1
Detroit, Mich.-----	353	198	16	15	Salt Lake City, Utah-----	34	17	1	4
Evansville, Ind.-----	35	19	-	2	Tucson, Ariz.-----	24	14	-	1
Flint, Mich.-----	54	28	3	2					
Fort Wayne, Ind.-----	43	24	2	5	PACIFIC:	1,421	831	33	82
Gary, Ind.-----	30	14	2	3	Berkeley, Calif.-----	13	11	-	-
Grand Rapids, Mich.-----	46	32	2	2	Fresno, Calif.-----	45	20	-	7
Indianapolis, Ind.-----	129	82	4	5	Glendale, Calif.-----	37	25	-	1
Madison, Wis.-----	21	12	-	1	Honolulu, Hawaii-----	38	14	1	2
Milwaukee, Wis.-----	105	67	5	5	Long Beach, Calif.-----	60	36	1	1
Peoria, Ill.-----	30	14	-	3	Los Angeles, Calif.-----	464	269	20	36
Rockford, Ill.-----	29	22	1	1	Oakland, Calif.-----	108	70	1	1
South Bend, Ind.-----	40	25	-	2	Pasadena, Calif.-----	19	8	-	3
Toledo, Ohio-----	95	58	1	5	Portland, Ore.-----	100	67	1	5
Youngstown, Ohio-----	49	33	-	1	Sacramento, Calif.-----	70	42	1	2
					San Diego, Calif.-----	95	48	2	9
WEST NORTH CENTRAL:	766	442	23	49	San Francisco, Calif.-----	174	97	4	11
Des Moines, Iowa-----	56	35	4	1	San Jose, Calif.-----	22	10	-	2
Duluth, Minn.-----	25	15	-	3	Seattle, Wash.-----	114	68	1	2
Kansas City, Kans.-----	38	16	4	4	Spokane, Wash.-----	31	23	-	-
Kansas City, Mo.-----	133	73	1	5	Tacoma, Wash.-----	31	23	1	-
Lincoln, Nebr.-----	14	8	1	2					
Minneapolis, Minn.-----	105	59	4	11	Total	10,950	6,114	379	659
Omaha, Nebr.-----	61	33	1	4					
St. Louis, Mo.-----	216	132	-	10	Cumulative Totals				
St. Paul, Minn.-----	71	47	-	5	including reported corrections for previous weeks				
Wichita, Kans.-----	47	24	8	4	All Causes, All Ages -----	423,393			
					All Causes, Age 65 and over-----	239,286			
					Pneumonia and Influenza, All Ages-----	17,723			
					All Causes, Under 1 Year of Age-----	25,148			

*Estimate - based on average percent of divisional total.

INTERNATIONAL NOTES - QUARANTINE MEASURES

Immunization Information for International Travel
1963-64 edition—Public Health Service Publication No. 384

The following additions should be made in the list of
Yellow Fever Vaccination Centers in Section 6:

City: Winston-Salem, North Carolina

Center: Forsyth County Health Department

Clinic Hours: Monday, 2:00 p.m. (Thursdays by
appointment)

Fee: Yes

City: San Diego, California

Center: U.S. Public Health Service
Outpatient Clinic
205 Post Office Building
Tel: 293-6440

Clinic Hours: Wednesday, 9:00 a.m.

Fee: No

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 14,000, IS PUBLISHED AT THE COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

CHIEF, COMMUNICABLE DISEASE CENTER
CHIEF, EPIDEMIOLOGY BRANCH
ACTING CHIEF, STATISTICS SECTION
CHIEF, SURVEILLANCE SECTION

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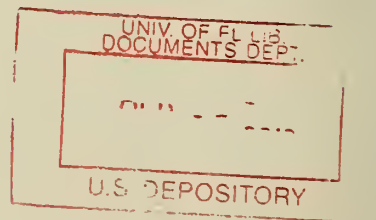
D.J.M. MACKENZIE, M.B.,
F.R.C.P.E.

IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CONTROL OF COMMUNICABLE DISEASES. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT
COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE CDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

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PUBLIC HEALTH SERVICE
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